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WHAT IS CLAIMED IS:

1        1.        A locking device operable with a key provided with identification  
2        information, the locking device comprising:  
3                a lock section, mechanically actuated by the key to perform a locking  
4        or unlocking operation;  
5                a receiver, which acquires the identification information from the key;  
6                a checker, which determines whether the identification information  
7        acquired by the receiver matches with pre-stored registration information of the  
8        key; and  
9                a limiter, which restricts the unlocking actuation of the lock section  
10       when the checker determines that the identification information does not match  
11       with the registration information.

1        2.        The locking device as set forth in claim 1, wherein:  
2                the lock section is formed with a hole;  
3                the limiter has a protrusion movable between a first position which is  
4        inside of the hole and a second position which is outside of the hole; and  
5                the protrusion is placed at the first position when the checker  
6        determines that the identification information does not match with the  
7        registration information.

1        3.        The locking device as set forth in claim 1, further comprising an  
2        adjuster connected to the lock section to adjust an entire size of the locking  
3        device in accordance with a size of the key, the adjuster accommodates the

4 limiter therein.

1 4. The locking device as set forth in claim 1, further comprising an  
2 actuator interlocked with the locking or unlocking operation of the lock section,  
3 wherein:

4 the limiter has a protrusion movable between a first position which  
5 disable the actuator to move and a second position which enable the actuator  
6 to move; and

7 the protrusion is placed at the first position when the checker  
8 determines that the identification information does not match with the  
9 registration information.

1 5. The locking device as set forth in claim 1, further comprising an  
2 actuator interlocked with the locking or unlocking operation of the lock section,  
3 wherein:

4 the actuator is formed with a hole;

5 the limiter has a protrusion movable between a first position which is  
6 inside of the hole and a second position which is outside of the hole; and

7 the protrusion is placed at the first position when the checker  
8 determines that the identification information does not match with the  
9 registration information.

1 6. The locking device as set forth in claim 1, wherein:

2 the receiver includes an antenna which performs radio wave  
3 communication; and

the lock section includes a guide member which guides a wiring for the antenna.

7. The locking device as set forth in claim 6, wherein the identification information is communicated via the radio wave communication.

8. The locking device as set forth in claim 1, further comprising a storage, which stores unlocked information when the restriction of the unlocking actuation of the limiter is released.

9. A locking security system, comprising:  
a key, including a first storage which stores identification information;  
a network;  
a manager, connected to the network;  
at least one terminal, connected to the manager via the network, the terminal provided with a door;  
a lock section, provided in the terminal and actuated by the key to lock or unlock the door;  
a receiver, provided in the terminal to acquire the identification information from the key;  
a second storage, provided in the terminal to store registration information of the key;  
a checker, which determines whether the identification information acquired by the receiver matches with the registration information; and  
a limiter, which restricts an unlocking actuation of the key when the

16 checker determines that the identification information does not match with the  
17 registration information.

1 10. The locking security system as set forth in claim 9, wherein the  
2 checker is provided in the terminal.

1 11. The locking security system as set forth in claim 9, wherein the  
2 checker is provided on the network between the terminal and the manager.

1 12. The locking security system as set forth in claim 9, wherein the  
2 checker is provided in the manager.

1 13. The locking security system as set forth in claim 9, wherein the key  
2 includes a first communicator and the receiver includes a second  
3 communicator so that information including the identification information is  
4 communicated.

1 14. The locking security system as set forth in claim 13, wherein radio  
2 wave communication is performed between the first communicator and the  
3 second communicator.

1 15. The locking security system as set forth in claim 9, wherein the  
2 manager includes a third storage a storage which stores unlocked information  
3 when the restriction of the unlocking actuation of the limiter is released.

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1 16. The locking security system as set forth in claim 9, wherein the  
2 manager includes a writer which rewritably records the identification  
3 information in the first storage.

1 17. The locking security system as set forth in claim 16, wherein the  
2 writer updates the identification information when the restriction of the  
3 unlocking actuation of the limiter is released.

1 18. A method of locking a door, comprising the steps of:  
2 providing a key with identification information;  
3 providing a locking device which locks or unlocks the door;  
4 storing registration information of the key in the locking device;  
5 restricting an unlocking actuation of the locking device;  
6 inserting the key into the locking device;  
7 comparing the identification information and the registration  
8 information; and  
9 releasing the restriction of the unlocking actuation of the locking  
10 device so as to be actuatable with the key, when the identification information  
11 and the registration information are matched.

1 19. The locking method as set forth in claim 18, further comprising the  
2 step of updating the identification information when the releasing step is  
3 performed.

1 20. The locking method as set forth in claim 18, further comprising the  
2 step of storing unlocked information when the releasing step is performed.

1 21. A key, to be inserted into a locking device which locks or unlocks a  
2 door, the key comprising:

3 a storage, which stores identification information; and

4 a communicator, which transmits the identification information to the  
5 locking device,

6 wherein the key serves as a knob member of the door when the key  
7 is inserted into the locking device.